

CA-NV AWWA Water Loss Technical Assistance Program Wave 4 Water Audit Level 1 Validation Document

Audit Information:

Utility: Modesto PWS ID: 5010010
System Type: Potable Audit Period: Fiscal Year 2016/17
Utility Representation: Manuel Martinez, Melissa Duran, Juan Tejada, Karen Darner
Validation Date: 11/1/2017 Call Time: 12:00pm Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 61 Data Validity Band (Level): Band III (51-70)
ILI: 6.26 Real Loss: 80.89 (gal/conn/day) Apparent Loss: 12.31 (gal/conn/day)
Non-revenue water as percent of cost of operating system: 5.6%

Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

Validator Information:

Water Audit Validator: Drew Blackwell Validator Qualifications: Contractor for CA-NV AWWA Water Loss TAP

Validator Provided

CA-NV AWWA Water Loss Technical Assistance Program
Wave 4 Water Audit Level 1 Validation Document

Water System Name:

City of Modesto

Water System ID Number:

5010010

Water Audit Period: Select

fiscal year 2016/2017

Water Audit & Water Loss Improvement Steps:

Steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

Report building , data review, pipeline replacement, new water meter installation, large meter calibrations, water leak repairs, water leak detection program.

Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Jeff Daniels
Executive Name (Print)

Superintendent
Executive Position

[Signature]
Signature

8/23/18
Date

Utility Provided